

Plan Review Form
Evaluation Form for the Reclamation Water Conservation Plan 2011 Criteria

Response categories: A = adequate, E = exemptible, NA = not applicable, MI = needs more information. Each of the items listed below must be rated A, E, or NA for a plan to be considered consistent with the criteria.

Section I: Description of the District

Contact information A NA MI

A. History

1. Date district formed, first Reclamation contract, original size, current year A NA MI
2. Current size, population, and irrigated acres A NA MI
3. Water supplies received in current year A NA MI
4. Annual entitlement under each right and/or contract A NA MI
5. Anticipated land-use changes A NA MI
6. Cropping patterns (Ag only) A NA MI
7. Major irrigation methods (by acreage) (Ag only) A NA MI

B. Location and Facilities

1. Incoming flow locations and measurement methods A NA MI
2. Current year Agricultural Conveyance System A NA MI
3. Current year Urban Distribution System A NA MI
4. List storage facilities A NA MI
5. Outflow locations and measurement methods (Ag only) A NA MI
6. Description of agricultural spill recovery system A NA MI
7. Agricultural delivery system operation A NA MI
8. Restrictions on the District's water source(s) A NA MI
9. Proposed changes or additions to facilities & operations (next 5 yrs) A NA MI

C. Topography and Soils

1. Topography of District and impacts on water operations & management A NA MI
2. District soil association map (Ag only) A NA MI
3. Agricultural limitations resulting from soil problems (Ag only) A NA MI

D. Climate

1. General climate of the District service area
 - a. Period of record and weather station ID used A NA MI
 - b. Average precipitation (by month and annual) A NA MI
 - c. Average, maximum and minimum temperatures (by month and annual) ... A NA MI
 - d. Wind velocity and frost – free days A NA MI
2. Impact of any microclimates on water management within the District A NA MI

E. Natural and Cultural Resources

1. Identify natural resources within the District A NA MI
2. Describe mgmt of resources, past or present, by District A NA MI
3. Identify recreational and/or cultural resources areas within the District A NA MI

F. Operating Rules and Regulations

- | | | | | |
|----|--|---|----|----|
| 1. | Attach a copy of the District's operating rules and regulations | A | NA | MI |
| 2. | Describe agricultural water allocation policy | A | NA | MI |
| 3. | Describe lead times for water orders and shut-off (Ag only) | A | NA | MI |
| 4. | Describe policies surface & subsurface drainage from farms (Ag only) | A | NA | MI |
| 5. | Describe policies on transfers by District and its customers | A | MA | MI |

G. Water Measurement, Pricing, and Billing

- | | | | | |
|----|--|---|----|----|
| 1. | Agricultural Customers | | | |
| a. | Total number of farms..... | A | NA | MI |
| b. | Total number of delivery points..... | A | NA | MI |
| c. | Total number of delivery points serving more than 1 farm | A | NA | MI |
| d. | Total number of measured delivery points..... | A | NA | MI |
| e. | Percent of delivered water measured at delivery point..... | A | NA | MI |
| f. | Measurement device table..... | A | NA | MI |
| 2. | Urban Customer | | | |
| a. | Total number of connections..... | A | NA | MI |
| b. | Number of metered connections | A | NA | MI |
| c. | Number of connections not billed by quantity | A | NA | MI |
| d. | Percent of water that was measured at delivery point | A | NA | MI |
| e. | Percent of water that was billed by quantity | A | NA | MI |
| f. | Measurement device table | A | NA | MI |
| 3. | Ag and Urban Customers | | | |
| a. | Describe/attach current year water charges | A | NA | MI |
| b. | Annual charges collected from customers (fixed and volumetric) | A | NA | MI |
| c. | Describe or attach water-use data accounting procedures | A | NA | MI |

H. Water Shortage Allocation Policies

- | | | | | |
|----|--|---|----|----|
| 1. | a. Attach District's current year water shortage policies..... | A | NA | MI |
| b. | Describe how reduced water supplies are allocated | A | NA | MI |
| 2. | Attach District's current year policies that address wasteful use of water and enforcement | A | NA | MI |

I. Evaluate Policies of Regulatory Agencies

Discuss modifications and solutions for improved water management

Section II: Inventory of Water Resources**A. Surface Water Supply**

- | | | | | |
|----|---|---|----|----|
| 1. | AF amounts of surface water delivered to the District by each of the Districts sources (see tables 1 & 8) | A | NA | MI |
|----|---|---|----|----|

B. Groundwater Supply

- | | | | | |
|----|--|---|----|----|
| 1. | AF amounts of groundwater pumped and delivered (see table 2)..... | A | NA | MI |
| 2. | Description of groundwater basin(s) that underlie the District | A | NA | MI |

- 3. Map of District operated wells and groundwater recharge areas A NA MI
- 4. Description of conjunctive use of surface & groundwater A NA MI
- 5. For managed ground water basins, attach groundwater mgmt plan..... A NA MI
- 6. For participation in groundwater banking, attach water banking mgmt plan A NA MI

C. Other Water Supplies

- 1. Long term water supplies not described above (see table 1)..... A NA MI

D. Source Water Quality Monitoring Practices

- 1. Potable Water Quality - attach current Water Quality Rpt (Urban only)..... A NA MI
- 2. Water quality concerns (Ag only) A NA MI
- 3. Water quality testing program and the role of each participant (Ag only)..... A NA MI
- 4. a. Water quality monitoring programs, surface (Ag only) A NA MI
- b. Water quality monitoring programs, groundwater (Ag only)..... A NA MI

E. Water Uses Within the District

- 1. Agricultural (see table 5) A NA MI
- 2. Types of irrigation systems used by crop type and acre (Ag only) A NA MI
- 3. Urban use by customer type in current year A NA MI
- 4. Urban wastewater collection & treatment systems A NA MI
- 5. Groundwater recharge/management/banking A NA MI
- 6. Transfers and exchanges into or out of the service area..... A NA MI
- 7. Trades, wheeling, wet/dry exchanges or other transactions A NA MI
- 8. Any other uses of water A NA MI

F. Outflow from the District (Ag only)

- 1. Provide a description of each surface and subsurface outflow point A NA MI
- 2. Description of outflow water quality testing program A NA MI
- 3. Analysis of outflow water A NA MI
- 4. Involvement in Water Quality Control Board requirements A NA MI

G. Water Accounting (Inventory)

Table 1A	NA	MI	Table 5A	NA	MI (Ag only)
Table 2A	NA	MI	Table 6A	NA	MI
Table 3A	NA	MI	Table 7A	NA	MI (Ag only)
Table 4A	NA	MI	Table 8A	NA	MI

H. District Quantifiable Objectives A NA MI

Section III: Best Management Practices (BMPs) for Agricultural Contractors

A. Critical Agricultural BMPs

- 1. Water measurement..... A NA MI
- 2. Designate water conservation coordinator A NA MI
- 3. Provide or support the availability of water mgmt services to water users..... A NA MI
 - a1. On-farm evaluations..... A NA MI

a2. Crop and field water use info to customers.....	A	NA	MI
b. Normal year and real-time irrigation scheduling and crop ET info	A	NA	MI
c. Surface, ground and drainage water quantity and quality data.....	A	NA	MI
d. Educational programs/materials for farmers, staff, public (attach samples) A	A	NA	MI
4. Pricing structure	A	NA	MI
5. Evaluate and improve efficiencies of the District's pumps.....	A	NA	MI

B. Exemptible Best Management Practices for Agricultural Contractors

1. Alternative land use	A	E	NA	MI
2. Facilitate use of available recycled water	A	E	NA	MI
3. Facilitate the financing of on-farm irrigation systems	A	E	NA	MI
4. Incentive pricing	A	E	NA	MI
5. a. Line or pipe ditches and canals	A	E	NA	MI
b. Regulatory reservoirs	A	E	NA	MI
6. Increase flexibility in ordering and deliveries	A	E	NA	MI
7. Spill and tailwater recovery systems (distribution and drainage)	A	E	NA	MI
8. Plan to measure outflow	A	E	NA	MI
9. Optimize conjunctive use	A	E	NA	MI
10. Automate canal structures	A	E	NA	MI
11. Facilitate or promote customer pump testing and evaluation.....	A	E	NA	MI
12. Mapping.....	A	E	NA	MI

C. Provide a 3-Year Budget Best Management Practices	A	NA	MI
---	---	----	----

Section IV: Best Management Practices for Urban Contractors

A. Urban BMPs

Foundational BMPs

1. Utilities Operations				
1.1 Operations Practices.....	A	E	NA	MI
1.2 Water loss control	A	E	NA	MI
1.3 Metering	A		NA	MI
1.4 Retail Conservation Pricing	A	E	NA	MI
2. Education Programs				
2.1 Public Information Programs	A	E	NA	MI
2.2 School Education Programs	A	E	NA	MI

Programmatic BMPs

3. Residential	A	E	NA	MI
4. CII.....	A	E	NA	MI
5. Landscape	A	E	NA	MI

B. Provide a 3-Year Budget for Implementing BMPs	A	NA	MI
---	---	----	----

Attachments

Attachment A District Maps	A	NA	MI
Attachment B District Rules and Regulations	A	NA	MI

Attachment C	Measurement Device Documentation	A	NA	MI
Attachment D	District Sample Bills	A	NA	MI
Attachment E	District Water Shortage Plan.....	A	NA	MI
Attachment F	Groundwater Management Plan (if applicable)	A	NA	MI
Attachment G	Groundwater Banking Plan (if applicable).....	A	NA	MI
Attachment H	Annual Potable Water Quality Report – Urban.....	A	NA	MI
Attachment I	Notices of District Education Programs Available to Customers	A	NA	MI
Attachment J	District Agricultural Water Order form (if applicable)	A	NA	MI
Attachment K	Drainage Problem Area Report (if applicable)	A	NA	MI
Attachment L	Other.....	A	NA	MI